WIRELESS BROADBAND MODEM
(Model MF93D)

maxis

Key Features:
- Wi-Fi 802.11a/b/g/n
- Support LTE FDD 2600MHz(Band 7) / 1800MHz(Band 3)
- Absolute mobility across LTE/HSPA+/WCDMA/EDGE/GPRS networks
- 100Mbps download and 50Mbps upload capability
- Multi-functional USB drive with Micro SD card slot up to 32GB
- Able to connect simutaneously up to 10 devices
- Able to connect to PCs, notebooks and other Wi-Fi devices
- Battery capacity 2800mAh (min)
- USB 2.0 for simple plug and play

Powered by: ZTE

System Requirements:
- Windows XP, Vista, 7 & 8
- Mac OS X 10.4 and above
- Hardware system should meet the recommended requirements for the installed OS version

- 24/7 Customer Service
- 1800 82 2000
- maxis.com.my/broadband(for self help tips)

Make sure your computer meets the requirements, or you might experience a dip in performance from the residential gateway. For Windows XP, it is recommended that you install patches Service Pack 2 and above. For Windows 2000, it is recommended that you install patches Service Pack 4 and above.

WIRELESS BROADBAND MODEM

Your personalised WiFi hotspot

MF93D

Open size: 200mm X 135mm H
Close size: 100mm X 135mm H

LEGAL INFORMATION

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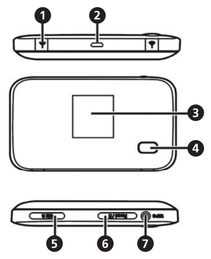
NOTES:
Do not use the device in an enclosed environment or where heat dissipation is poor. Prolonged work in such space may cause excessive heat and raise ambient temperature, which may lead to automatic shutdown of the device for your safety. In the case of such event, cool the device in a well-ventilated place before turning on for normal use.

GETTING TO KNOW YOUR DEVICE

Appearance

The following figure is only for your reference. The actual product may be different.



1. External Antenna Connector
2. Micro USB Port
3. OLED Screen
4. Power Switch
5. (U)SIM Card Slot
6. RESET Button / microSD Card Slot
7. WPS Button

NOTES:
- **microSD logo is a trademark of SD Card Association.**
- **Please use the original external antenna if necessary.**

Indicators

When the device is powered on, the following icons will appear on the OLED screen, with the corresponding indicates listed in the table below:

Iron	Indication
	Network signal strength.
2G/3G/4G	Network type. 2G, 3G, 4G icon will appear on the OLED screen according to the network being connected.
A	Connect to the Internet automatically.
M	Connect to the Internet manually.
R	Roaming network indication.
	New message received.
1	Wi-Fi Status and number of the connected users.
	Battery power indication.

Connection Scenario

Your device supports two methods to go to Internet and supports multi-clients for surfing on the Internet at the same time. The following figure is only for your reference.

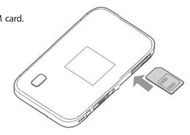
- **4G Mode**
  Use your (U)SIM card to access the Internet.

- **Internet Wi-Fi Mode**
  Your device will connect to other WLAN device (hotspot device, wireless router, etc.) via Wi-Fi to access the Internet. The WLAN device has already connected to the Internet.

NOTES:
The subnet must be deferent between your device and other WLAN device.

Installing Your Device

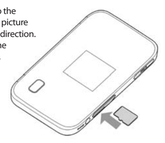
1. Insert the SIM card.



2. Insert the microSD card.
   i) Open the microSD card cover.

NOTES:
Do not pull the cover rudely, as it is connected with the device.

   ii) Insert the microSD card into the microSD slot. The following picture shows the correct inserting direction. You will hear a click when the microSD card locks in place.

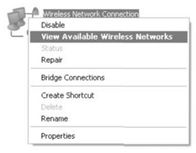


3. Close the microSD card cover.

CONNECTING TO YOUR DEVICE

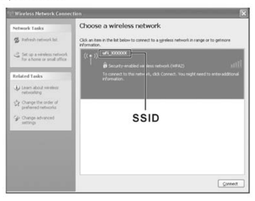
Via Wi-Fi

1. Power on your device directly. It will take 1~2 minutes to initialize.
2. Use your normal Wi-Fi application on the client to search for the available wireless networks.



NOTES:
Please set the client to obtain an IP address automatically referring to the chapter "Configuring Your PC", and then the client will get an IP address like "192.168.0.100".

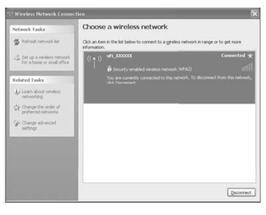
3. Select the SSID of your device, and then click **Connect**. The following picture is only for your reference.



4. Input the password, and then click Connect.

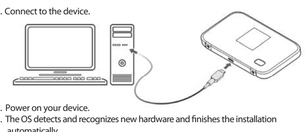
NOTES:
- **There may require the password for Wi-Fi connection, please check the label on your device to get the default.**
- **Double press the WPS button, and then the SSID and Wi-Fi key will display on the OLED screen.**

5. Wait a moment, and then the client will connect to your device successfully.



Via USB Cable

1. Connect to the device.



2. Power on your device.
3. The OS detects and recognizes new hardware and finishes the installation automatically.

NOTES:
If the Windows operating system does not launch installation automatically, you can run the installation program in path of My Computer > ZTEMODEM.

4. Wait a moment, and then the client will connect to your device successfully.

ACCESSING THE INTERNET

4G Mode

After the client connected to your device successfully, you can access the Internet in the **Automatic** or **Manual mode**. The default mode is **Automatic**.

Mode	Operations
Automatic	Your device will connect to the Internet automatically, and your clients can surf on the Internet directly.
Manual	Login the webGUI configuration page, and **select Settings > Network Settings > Dial-up Settings > Manual**, and then click **Home > Connect / Disconnect.**

NOTES:
If you want to modify the detailed parameters of your device, please login the webGUI configuration page by visiting http://192.168.0.1 or http://m.home. The default password is admin.

Internet Wi-Fi Mode

1. Login the webGUI configuration page.
2. Select **Settings > Internet Wi-Fi.**
3. Set the **Internet Wi-Fi Switch** and **Preferred Network,** and then click **Apply.**

NOTES:
You need to Enable the Internet Wi-Fi Switch and select Wi-Fi.

4. Connect to the WLAN device.
   There are two methods for your reference.
   - Select the listed **SSID**, and then click **Connect**.
   - Click **Add**, input the WLAN device information in the **Add Wi-Fi Hotspot** area, and then click **Apply**.

5. After your device connected to the WLAN device successfully, you can access the Internet.

CONFIGURING YOUR PC

Follow the following steps and figures for Windows XP to configure the Internet Protocol for your Wi-Fi connection.

1. Right-click **My Network Places**, and then select **Properties**.

4. Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**, and then click **OK** to finish the configuration.

- Do not use your device immediately after a sudden temperature change. In such case, it will produce dew inside and outside your device, so don't use it until it becomes dry.
- Handle your device carefully. Do not drop, bend or strike it. Otherwise your device will be damaged.
- No dismantling by non-professionals and only qualified technicians can undertake repair work.
- Operating temperature range of 0 °C ~+35 °C and humidity range of 5%~ 95% are recommended.

About your Adapter

- Adapter shall be installed near the equipment and shall be easily accessible.
- Model: **ZTE MF93D**
- Manufacturer: **ZTE Corporation**
- The plug considered as disconnect device of adapter.

Using Battery

- Do not short-circuit the battery, as this can cause excessive heat and fire.
- Do not store the device in hot areas or dispose of it in a fire to avoid explosion.
- Do not disassemble or modify the battery.
- Never use any charger or battery damaged or worn out.
- Return the wear-out battery to the provider or put it in the appointed recycle place. Do not put it in familial rubbish.

WARNING:
Do not change the built-in rechargeable battery in your device by yourself. The battery can only be changed by ZTE or ZTE authorized service provider.

Limited Warranty

- This warranty does not apply to defects or errors in the Product caused by:
  i. Reasonable abrasion.
  ii. End User's failure to follow ZTE's installation, operation or maintenance instructions or procedures.
  iii. End User's mishandling, misuse, negligence, or improper installation, disassembly, storage, servicing or operation of the Product.

2. Right-click **Wireless Network Connection,** and then select **Properties.**

3. Select **Internet Protocol(TCP/IP)**, and then click **Properties**.

WARNING AND NOTICE

To the Owner

- Some electronic devices are susceptible to electromagnetic interference sent by your device if inadequately shielded, such as the electronic system of vehicles. Please consult the manufacturer of your device before using if necessary.
- Operating your device may interfere with medical devices like hearing aids and pacemakers. Please always keep them more than 20 centimeters away from such medical devices when they are turned on. Turn your device off if necessary. Consulta physician or the manufacturer of the medical device before using your device.
- The device complies with RF specifications when the device is used at 1cm from your body.
- Be aware of the usage limitation when using your device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Turn off your device if required.
- The use of electronic transmitting devices is forbidden in aircrafts, at petrol stations and in hospitals. Please observe and obey all warning signs and switch off your device in these conditions.
- Do not touch the inner antenna area if not necessary. Otherwise it will affect your device's performance.
- Store your device out of the reach of little children. Your device may cause injury if used as a toy.
- Do not touch the metallic parts of your device so as to avoid a burn, when your device is working.

Using Your Device

- The device is for indoor use only. Do not use the device outside. The device does not support DFS.
- Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your device's performance, and violate related national regulations about telecom terminals.
- Avoid using your device near or inside metallic structures or establishments that can emit electromagnetic waves. Otherwise it may influence signal reception.
- Your device is not waterproof. Please keep it dry and store in a shady and cool place.

   iv. Modifications or repairs not made by ZTE or a ZTE-certified individual. Power failures, surges, fire, flood, accidents, actions of third parties or other events outside ZTE's reasonable control.
   vi. Usage of third-party products, or usage in conjunction with third-party products provided that such defects are due to the combined usage.
   vii. Any other cause beyond the range of normal usage intended for the Product.

End User shall have no right to reject or return the Product, or receive a refund for the Product from ZTE under the above-mentioned situations.

- This warranty is End User's sole remedy and ZTE's sole liability for defective or nonconforming items, and is in lieu of all other warranties, expressed, implied or statutory, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, unless otherwise required under the mandatory provisions of the law.

Limitation of Liability

ZTE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using of this product, whether or not ZTE had been advised, knew or should have known of the possibility of such damages, including, but not limited to lost profits, interruption of business, cost of capital, cost of substitute facilities or product, or any downtime cost.

Troubleshooting

Problem	Suggested Solution
Can not establish the USB connection between your device and PC	• You need to install the software. Run the installation program in path of **My Computer > ZTEMODEM.** • If the driver of your device is abnormal, please reinstall the software. You need uninstall the software first.
Can not establish the Wi-Fi connection between your device and client	• Make sure the Wi-Fi function is active. Press the **WPS** button to enable or disable Wi-Fi function. • Refresh network list and select the correct SSID. • Check the IP address to make sure your client can obtain an IP address automatically in the Internet protocol (TCP/IP) properties. • Type the correct network key (Wi-Fi password) when you connect to the device.

Problem	Suggested Solution
The client connected to the device can not access the Internet	• Make sure your (U)SIM card is available. • Change the location to find a place with good signal. • Check WAN Connection mode setting. • Contact with your service provider and confirm your APN settings
When I use Internet Wi-Fi mode, the client cannot access the Internet.	• Make sure the other WLAN device has already connected to the Internet. • Make sure that the subnet of your device and the other WLAN device is different
Can not visit the webGUI configuration page	• Enter the correct address. The default address is **http://192.168.0.1** or **http://m.home.** • Only use one network adapter in your PC. • Do not use any proxy server.
About the password	• Press the **WPS** button twice, and then the SSID and Wi-Fi connection password appear on the screen. • The default password of the webGUI configuration page is **admin**. • If you changed the password and forgot the new password, you need to restore the device to the factory default settings.
About the device	• Press the **reset button**, the device will reset to the default settings. • If there is any exception while using the device, please press and hold the **Power Button** for about 10s, and the device will restart.